



**CITY OF MARTINSVILLE
SHERIFF'S OFFICE SECURITY SYSTEM
PRE-PROPOSAL MEETING SUMMARY
FOR NOVEMBER 15, 2016**

A pre-proposal meeting was held on Tuesday, November 15, 2016 at 9:30 a.m. The following information was discussed. I have also attached the sign-in sheet.

**Martinsville City Jail Security Upgrade RFP
Meeting Minutes**

November 15, 2016

<i>Present:</i>	See Attached Sign-up Sheet
<i>Next meeting:</i>	To be announced
<i>Due By</i>	Extended to January 3, 2017 2:00 p.m.

I. Agenda

Project consists of replacing our current outdated security system in the Jail & Annex locations. We would like the ability to control movement throughout facility from entrance to destination. The control room needs to be upgraded. We are curious about design, because ours is not user friendly. We prefer touch screen, but point and click plus touchscreen is fine too. We need to integrate door lock with touchscreen system and eliminate blind spots within the video surveillance system. Identify if current cameras can be used. Replace intercom system. Leaning towards IP based, but open to analog. Need quotes for both. We request equipment storage near central control room using rack storage. Quote cabling option separately.

II. Additional Information

Items not in RFP:

- 1. Separate quote for security alarm for city hall (audible). City Hall has intercom with piped in music which might be an option. Also the panic buttons in 3 courts/clerks offices/CA's office need to be routed to control room and processing the secondary control room.**
- 2. Need to include City Farm cameras in request. Separate addendum with quote.**

3. The City would like an optional price to provide an Auto Log-Off with either a sensor pad, or visual aid/beam/array. In the event the officer leaves their post or there is a struggle/takeover attempt, the system automatically logs off.
4. Safety Director interested in Fire Alarm System for Municipal building. The City will request a separate quote in the near future, possibly in January. For now, let's concentrate on the City Jail. Do not submit a quote for this system.

The deadline for submitting your proposals has been extended to Tuesday, January 3, 2017, by 2:00 p.m.

Additional Information:

The following information came from Mike Scaffidi, Telecommunications Director. The information below shall include, but is not limited to the following:

It is the expectation that interested companies have significant experience working in detention or high security environments managing projects in occupied and operational facilities with multiple team members to accomplish all required trades.

Replace Electronic Security Equipment, CCTV System with New

1. Upgrade existing Electronic Security System Head-end equipment, point and click monitors, UPS and controls,
2. Utilize IP based system
3. Replace analog cameras and coax cables with new IP cameras and Cat-6 cables.
4. Upgrade operating system with latest Windows version and include video management software to reduce video storage size.
5. Add 30 additional IP cameras with Cat-6 cable to resolve blind spots with additional coverage for the parking lot
6. Replace intercom controllers with new
7. Organize and label existing cabling in cabinets

The above seven points shall include, but not be limited to the following:

Jail Door Control – Furnish and install an industrial Programmable Logic Control (PLC) System to control the Jail and Administration doors associated with the access control panels. The PLC will be configured so the access control system will send a request to unlock a door. The

PLC will check for any interlock conditions (if so programmed) and then unlock the door. The Touch Screen control units will be similar to the existing control function in look and operations. The system will have the capability to monitor the secure condition of controlled doors. For those openings that do not have a door position switch (DPS) the system will be configured for future connections and Touch Screen display. This function will be initially programmed in. The DPS can be added later and terminated to the input field interface module. The system will be programmed with a lockout button to lockout the access control card reader functions related to the PLC in the case of an emergency. System configuration will accommodate 64-inputs and 64-outputs. Card reader requests and lock/DPS functions will be redirected to the new equipment rack being installed in the Central Control Room. Furnish and install (2) Touch Screen Control stations; One in Central Control and the other at the Administration location. A network connection provided by City of Martinsville will be required back to the security network switch. Touch Screen software will be the off-the-shelf product by Wonderware.

Furnish and install a 2200VA rack mount UPS for power conditioning.

Jail Audio System – Furnish and install a PLC based audio system initially configured to accommodate up to (50) field stations and (2) master stations. Redirect the intercom field cabling that enters the Central Control Room to the new equipment cabinet that will be located in the same room. Proposal shall include reconfiguring the existing field stations to accommodate the new head-end and (2) new Desk Top Console Master Stations.

A new equipment rack will be installed in the Central Control Room to house the new PLC. The rack will be sized to also house, the Audio System head-end, and Video System head-end. New rack dimensions are 42" deep, 79 ½" in height, and 24" wide. Rack will include casters to facilitate easier servicing of the equipment. A total of 42 rack units.

Upgrade the Video Surveillance System to a Single Software Based Platform.

Offeror will furnish and install a server based Video Management System manufactured by OnSSI. If the vendor offers a different Server Based Platform other than OnSSI, the City of Martinsville and Martinsville Sheriff Department has the right to accept or reject the offeror's proposed platform - based on meeting the expected performance of the City of Martinsville Sheriff Department. The system will be the OnSSI PRO series and consist of a Base server with camera call-up drivers and a recording server configured for 80 cameras, 24/7 continuous recording, 10fps, D1 resolution (720x480), H.264 video compression format, for approximately 30-days. Vendor will furnish and install Video encoders to convert the analog camera feeds to digital IP feeds (4-encoders for the Jail, 1-encoder for the Courthouse). Furnish and install a Cisco 24-port AVAYA network switch for the Jail

equipment cabinet and an 8-port switch for the Courthouse rack. Furnish and install three (3) video workstations. Two (2) workstations to be installed in the Jail Central Control Room and one (1) to be installed at the Courthouse security desk.

A dedicated 1GB network connection from Courthouse equipment room to the new rack in Central Control is to be provided by City of Martinsville. Dedicated 10/100/1000MB network connections from client stations to video network switches is to be by others.

Unless otherwise provided in this proposal, the name of a certain brand, make or manufacturer shall not restrict bidders to the specific brand, make or manufacturer name and shall be deemed to convey the general style, type, character, and quality of the equipment desired.